


06/20/01

| | |
|-------|----------|
| 701 | 111 |
| Class | Subclass |

ISSUE CLASSIFICATION

PATENT NUMBER

U.S. UTILITY Patent Application

AK CH² O.I.P.E.
SCANNED Q.A. AG

PATENT DATE

| | | | | | |
|------------------------------|-----------------|--------------|-----------------|------------------|----------------------|
| APPLICATION NO. 09/933092 | CONT/PRIOR F | CLASS 701 | SUBCLASS III | ART UNIT 3747 | EXAMINER J. HOANG |
|------------------------------|-----------------|--------------|-----------------|------------------|----------------------|

APPLICANTS

Juergen Sauler
Oskar Torno
Axel Heinstein
Carsten Kluth

TITLE

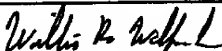
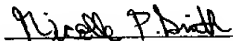
Method for detecting knock in an internal combustion engine

PTO-2040
12/99

ISSUING CLASSIFICATION

| ORIGINAL | | | | | CROSS REFERENCE(S) | | | | | |
|------------------------------|---|---|----------|-------|--------------------|-----------------------------------|--|--|--|--|
| CLASS | | | SUBCLASS | | CLASS | SUBCLASS (ONE SUBCLASS PER BLOCK) | | | | |
| 701 | | | 111 | | 123 | 406.34 | | | | |
| INTERNATIONAL CLASSIFICATION | | | | | 73 | 35.01 | | | | |
| G | 0 | 6 | F | 19/00 | | | | | | |
| G | 0 | 6 | G | 7/70 | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

☐ Continued on Issue Slip Inside File Jacket

| | | | | | |
|---|--|---|--|---|--|
| <input type="checkbox"/> TERMINAL DISCLAIMER | DRAWINGS | | | CLAIMS ALLOWED | |
| | Sheets Drwg. <div style="text-align: center;">3</div> | Figs. Drwg. <div style="text-align: center;">3</div> | Print Fig. <div style="text-align: center;">1</div> | Total Claims <div style="text-align: center;">16</div> | Print Claim for O.G. <div style="text-align: center;">1</div> |
| <input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed. <input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S. Patent. No. _____ <div style="text-align: center;">_____</div> <div style="text-align: center;">_____</div> | JOHNNY H. HOANG (Assistant Examiner) | | | 11-07-03 (Date) | |
| | <div style="text-align: center;">  WILLIAM R. WOLFE (Primary Examiner) </div> <div style="text-align: center;"> A-1 Unit 374 (Date) </div> | | | 11-17-03 | |
| | | | | ISSUE FEE | |
| | Amount Due \$130.00 | | | Date Paid | |
| <input type="checkbox"/> The terminal _____ months of this patent have been disclaimed. | <div style="text-align: center;">  Michael P. Smith (Legal Instruments Examiner) </div> <div style="text-align: center;"> 11-20-03 (Date) </div> | | | ISSUE BATCH NUMBER | |
| | | | | | |

WARNING:
 The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368 Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.

Form PTO-438A
(Rev. 6/99)

FILED WITH: ☐ DISK (CRF) ☐ FICHE ☒ CD-ROM
(Attached in pocket on right inside flap)

(FACE)

BEST AVAILABLE COPY